

Find the LCD for fractions whose denominators are given.

- 1) $12x^2 =$ _____
 $18xy^2 =$ _____ LCD = _____
- 2) $3x + 9 =$ _____
 $4x + 12 =$ _____ LCD = _____
- 3) $x^2 - 1 =$ _____
 $3x + 3 =$ _____ LCD = _____
- 4) $x =$ $\frac{x}{(x+5)}$ $x + 5 =$ $x(x+5)$ LCD = $x(x+5)$
- 5) $x^2 - 2x - 15 =$ _____
 $x^2 - 7x + 10 =$ _____ LCD = _____
- 6) $x^2 + 6x + 9 =$ _____
 $4x + 12 =$ _____ LCD = _____
- 7) $3x^2 + 18x =$ _____
 $2x^2 + 4x =$ _____ LCD = _____
- 8) $x^2 - 9 =$ _____
 $x - 3 =$ _____ LCD = _____

Page 1

- 9) $x - 2 =$ _____
 $x + 2 =$ _____ LCD = _____
- 10) $x^2 - 36 =$ _____
 $3x + 18 =$ _____ LCD = _____
- 11) $x^2 + 2x - 3 =$ _____
 $x^2 + 5x + 6 =$ _____ LCD = _____
- 12) $2x - 8 =$ $\frac{2(x-4)}{2}$ $4x - 16 =$ $\frac{4(x-4)}{4}$ LCD = $2 \cdot 2(x-4)$
 $4(x-4)$
- 13) $x^2 - 3x + 2 =$ _____
 $x^2 - x - 2 =$ _____ LCD = _____
- 14) $x^2 + 2x - 8 =$ _____
 $x^2 - 2x =$ _____ LCD = _____
- 15) $3x^2 - 12x - 15 =$ _____
 $3x - 15 =$ _____ LCD = _____

Page 2

